

WHAT IS CLAIMED IS:

1. A method of designing a product with the aid of a computer, comprising the steps of:

registering and storing design-related requirement information in a server as an electronic file created in a predetermined format;

preparing design specifications of the product;

causing the server to automatically retrieve requirement information relating to the prepared design specifications, from the design-related requirement information stored in the server;

presenting a content of the automatically retrieved requirement information to a designer via the server; and

allowing the designer to check a content of the requirement information presented, and create detailed design information based on the design specifications.

2. The method according to claim 1, further comprising:

acquiring, upon occurrence of a problem in design, information about the problem and information about a solution to the problem, as the requirement information, and registering the acquired requirement information in the server as an electronic file of the predetermined format.

3. The method according to claim 2, wherein it is determined that the problem has occurred when a design change is required in an evaluation stage in which the detailed design information is evaluated.

4. The method according to claim 2, further comprising:

presenting the design specifications to at least one evaluating person in charge of design evaluation, prior to creation of the detailed design information by

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the designer; and

acquiring information about design-related requests made by the at least one evaluating person based on the design specifications presented, as the requirement information, and registering the acquired requirement information in the server as an electronic file of the predetermined format.

5. The method according to claim 4, wherein the at least one evaluating person comprises at least one member selected from a manufacturing division, a test division and a parts manufacturer.

6. The method according to claim 1, further comprising:

presenting the design specifications to at least one evaluating person in charge of design evaluation, prior to creation of the detailed design information by the designer; and

acquiring information about design-related requests made by the at least one evaluating person based on the design specifications presented, as the requirement information, and registering the acquired requirement information in the server as an electronic file of the predetermined format.

7. The method according to claim 6, wherein the at least one evaluating person comprises at least one member selected from a manufacturing division, a test division and a parts manufacturer.

8. The method according to claim 1, wherein the server stores information about the design specifications of the product as an electronic file created in a predetermined format.

9. The method according to claim 8, further comprising:

retrieving the information about the design specifications of the product

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from the server and presenting the design specifications to at least one evaluating person in charge of design evaluation, prior to creation of the detailed design information by the designer; and

acquiring information about design-related requests made by the at least one evaluating person based on the design specifications presented, as the requirement information, and registering the acquired requirement information in the server as an electronic file created in a predetermined format.

10. The method according to claim 1, wherein the requirement information includes information that is useful in designing in general.

11. A system for assisting creation of detailed design information based on design specifications, comprising:

a server that manages transmission of information via a computer network;

and

a first database provided under control of the server, the first database containing design-related requirement information that is recorded as an electronic file in a predetermined format,

wherein the server automatically retrieves the design-related requirement information relating to the design specifications from the first database, and presents a content of the retrieved information to a user.

12. The system according to claim 11, further comprising:

a second database provided under control of the server, the second database containing information about the design specifications that is recorded as an electronic file in a predetermined format.

13. The system according to claim 11, wherein the requirement information includes information about a design-related problem which is acquired

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upon occurrence of the problem, and information about a solution to the design-related problem.

14. The system according to claim 13, wherein the requirement information further includes information about design-related requests made by at least one evaluating person in charge of design evaluation based on the design specifications presented to the at least one evaluating person.

15. The system according to claim 14, wherein the at least one evaluating person comprises at least one member selected from a manufacturing division, a test division and a parts manufacturer.

16. The system according to claim 11, wherein the requirement information includes information about design-related requests made by at least one evaluating person in charge of design evaluation based on the design specifications presented to the at least one evaluating person.

17. The system according to claim 16, wherein the at least one evaluating person comprises at least one member selected from a manufacturing division, a test division and a parts manufacturer.

18. The system according to claim 11, wherein the requirement information includes information that is useful in designing in general.

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